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## Norsk Kjernekraft and the advancement of nuclear in Norway

Since establishing the company Norsk Kjernekraft (“Norwegian nuclear power”) in summer 2022, the company has engaged with more than 45 interested municipalities and public support for nuclear energy nationally has risen to more than 50 %. The rising support stems from a huge need for clean energy to decarbonize existing industry, and a strong public opposition towards establishing large wind-parks in the pristine Norwegian nature. Although having never utilized nuclear energy, Norway has legislation and regulation related to nuclear power plant licensing, and the country has decades of experience with nuclear research reactors and associated R&D. In the present paper we will present the Norsk Kjernekraft approach in Norway, working largely bottom-up informing interested municipalities about nuclear and the possibilities with small modular reactors. We will also present our work so far, including our assessment of the IAEA milestones approach for Norway, and status of current initiatives for establishing SMR-NPPs at several sites across Norway.

### Country OR International Organization

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### Confirm that the work is original and has not been published anywhere else

YES

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